



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Carlo Dall'Aglio et al.

Application No.: Not Yet Assigned

Prior Group Art Unit: 2859

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For: APPARATUS FOR CHECKING
DIAMETRAL DIMENSIONS OF
CYLINDRICAL PARTS WITH AN
ORBITAL MOTION (As Amended)

Continuation of 09/533,784
filed March 24, 2000

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PRIORITY
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AS

CLAIM FOR PRIORITY

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicants hereby claim priority under 35 U.S.C. § 119 based on the following prior foreign application filed in the following foreign countries on the dates indicated:

Country	Application No.	Date
Italy	BO95A000469	October 3, 1995

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Respectfully submitted,

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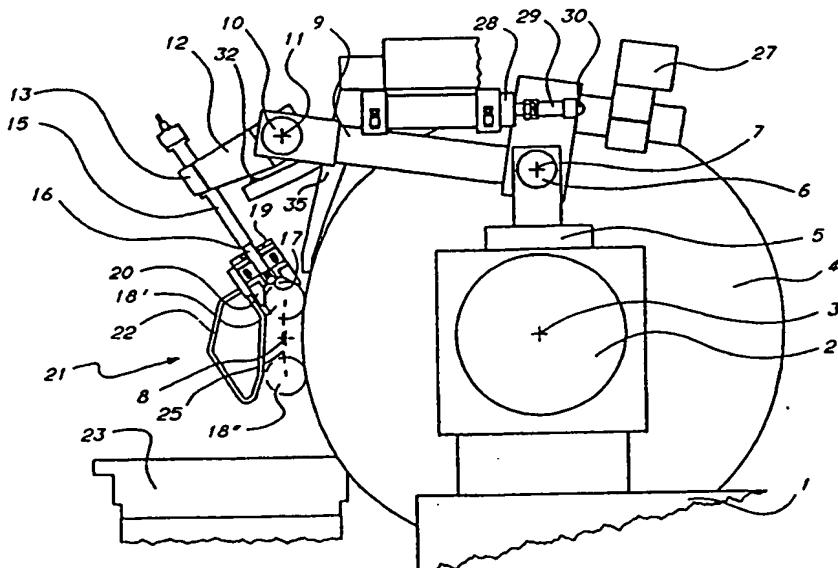
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(54) Title: APPARATUS FOR CHECKING THE DIAMETER OF CRANKPINS ROTATING WITH AN ORBITAL MOTION



(57) Abstract

An apparatus for checking the diameter of crankpins (18) of a crankshaft (34) in the course of the machining in a grinding machine comprises a first arm (9) rotating with respect to a support (5) arranged on the grinding-wheel slide (1) of the grinding machine, a second arm (12) rotating with respect to the first, a reference device (20) carried by the second arm and a measuring device (16, 17, 40-45) associated with a reference device. A guide device (21), fixed to the reference device (20), enables the apparatus to engage a crankpin, in the course of the orbital motion of the crankpin, and limit the displacements of the first arm and those of the second arm when a control device (28-30) displaces the apparatus to a rest position.